IN THE SPECIFICATION:

Please replace the paragraph beginning at page 14, line 19 with the following paragraph:

An implementation of an algorithm for optical wavelength tracking by control of the temperature of the multi-frequency light source 214 in the CO in the controller 234 is shown in steps 300 to 320 of FIG. 3. As the optical wavelength tracking according to the present invention is initiated, the controller 234 measures the reference voltage and the monitoring voltage in step 300. For notational simplicity, the reference voltage is denoted by V1 and the monitoring voltage, by V2 in FIG. 3. In step 302, the controller 234 stores the absolute difference between V1 and V2, $|V1 - V2|$ as the ~~present~~ previous voltage difference. The controller 234 increases the temperature of the multi-frequency light source 214 by a predetermined temperature variation ΔT in step 304.

Please replace the paragraph beginning at page 15, line 2̶1̶ 20 with the following paragraph:

If the present voltage difference exceeds Vr in step 312, the controller 234 compares the present voltage difference with the ~~present~~ previous voltage difference in step 314. If

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